

RCRA PRIORITIZATION SYSTEM SCORING SUMMARY

FOR

SRI International, Corral Hollow Site
SITE NAME

Tracy, CA
CITY

CAD980883847
EPA SITE NUMBER

Buck Toler
SCORED BY

SAIC
ORGANIZATION

9/16/94
DATE

GROUNDWATER ROUTE SCORE :

SURFACE WATER ROUTE SCORE:

AIR ROUTE SCORE :

ON SITE SCORE :

MIGRATION SCORE :

WS-2 SURFACE WATER ROUTE

A. Releases

- 1a. Is there an observed release? Yes (45) No (0)
- 2a. Is there a permitted outfall? Yes (5) No (0)
- 3a. Have there been permit violations? Yes (5) No (0)

B. Route Characteristics

- 1b. Facility Location Flood-Prone Area (3) 100-year Flood Plain (2) Other (1)
- 2b. 24-hour Rainfall (in.) <1.0 (0) 1.0 to 2.0 (1) 2.1 to 3.0 (2) >3.0 (3)
- 3b. Distance to surface water (miles) <1/4 (6) 1/4 to 1 (4) 1 to 2 (2) >2 (0) 1.5 Corral Hollow Creek
- 4b. Physical State Stable Solid (0) Unstable Solid (1) Powder, Ash (2) Liquid, Gas Sludge (3)

C. Containment

Very Good (0) Good (1) Fair (2) Poor (3)

D. Waste Characteristics

- 1d. Chemical name or waste code number (Name or Number)
- 2d. Toxicity/Persistence Value 0 (0) 3 (3) 6 (6) 9 (9) 12 (12) 15 (15) 18 (18)
- 3d. Quantity known? Yes No

Yes? Enter amount: Cu yds or tons (**) Drums (**) (+ 4 = cu yds)

Total (add above)

No? Is amount likely to be small Yes (1) No

Is amount likely to be large? Yes (4) No

Are large storage or disposal areas present? Yes (8) No

(only one yes allowed)

528 pounds of material between 11/67 & 11/68 (Scrap explosives) Amount of ash (if any) unknown

SURFACE WATER ROUTE - Continued

E. Targets

1e.	Surface Water use:	Drinking water?	Yes (5)	No
		Possible drinking water?	Yes (4)	No
		Recreation?	Yes (4)	No
		Agriculture or industrial?	Yes (3)	No
		Quality impacted?	Yes (2)	No
		Quality not impacted but within 3 miles?	Yes (1)*	No
		None within 3 miles?	Yes (0)*	No

(only one yes allowed)

2e.	Distance to intake or contact point (miles)	$\frac{<1/2}{(4)}$	$\frac{1/2 \text{ to } 1}{(3)}$	$\frac{1 \text{ to } 2}{(2)}$	$\frac{2 \text{ to } 3}{(1)}$	$\frac{\geq 3}{(0)}$
3e.	Distance to sensitive environment (miles)	$\frac{<1/2}{(6)}$	$\frac{1/2 \text{ to } 1}{(4)}$	$\frac{1 \text{ to } 2}{(2)}$		$\frac{\geq 2}{(0)}$

1.5 miles

Cornal Hollow
Creek.

May have
endangered species
(Kit Fox) in
the area (or
even on site)

Note:

- Cannot be used if A = 45

WS-3 AIR ROUTE

A. Releases

- 1a. Is there an observed, unpermitted, ongoing release? Yes (45) No (0)
- 2a. Does the facility have an air operating permit? Yes (5) No (0)
- 3a. Have there been any permit violations or odor complaints by residents? Yes (10) No (0)
- 4a. Can contaminants migrate into air? Yes (3) No (0)
- 5a. Containment

<u>Very Good</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>
(0)	(1)	(2)	(3)

Not considered to be an issue by DTSC

B. Waste Characteristics

- 1b. Chemical name or waste code number Name or Number
- 2b. Toxicity 0 (0) 1 (3) 2 (6) 3 (9) Assumed
- 3b. Quantity known? Yes No
- Yes? Enter amount: Cubic yards or tons (#)
Drums (#) (+ 4 = cu. yds.)
- Total (add above)
- No? Is amount likely to be small? Yes (1) No
Is amount likely to be large? Yes (4) No
Are large storage or disposal areas present? Yes (8) No
(only one yes allowed)

C. Targets

1c. Population

- Are residences located within four miles?
- Are other industries located within four miles?
- Are agricultural lands located within four miles?
- Any other situation.

Yes (25) No
Yes (20) No
Yes (15) No
Yes (10) No
 (only one yes allowed)

Ranch house

2c. Distance to sensitive environments (miles)

< 1/2 (6) 1/2 to 1 (4) 1 to 2 (2) > 2 (0)

Could be closer depending on the presence of endangered species such as the red-legged frog and the Kit Fox

WS-4 ON-SITE CONTAMINATION

- | A. | Access to site | <u>Inaccessible</u>
(0) | <u>Limited Access</u>
(2) | <u>Unlimited Access</u>
(4) |
|----|----------------|----------------------------|------------------------------|--------------------------------|
|----|----------------|----------------------------|------------------------------|--------------------------------|

- Yes (25) No (0)

- | <u>Very Good</u>
(1) | <u>Good</u>
(2) | <u>Fair</u>
(3) | <u>Poor</u>
(4) |
|-------------------------|--------------------|--------------------|--------------------|
|-------------------------|--------------------|--------------------|--------------------|

- Unknown

$$\frac{0}{(0)} \quad \frac{1}{(1)} \quad \frac{2}{(2)} \quad \left(\frac{3}{(3)} \right)$$

- $$\frac{< 1/4}{(6)} \quad \frac{1/4 \text{ to } 1/2}{(4)} \quad \frac{1/2 \text{ to } 1}{(2)} \quad \left(\frac{\geq 1}{(0)} \right)$$

- Yes No
(1) (9)

However, may potentially be habitat for Kit fox

CALCULATE ON-SITE SCORE (S_o)

If $A = 0$, then $S_0 = 8 \times D \times (1e + 2e)/21$

If $A \neq 0$, then $S_0 = A \times (B + C) \times D \times (1e + 2e)/21^{(a)}$

If $B + C > 25$, then $B + C = 25$

(a) The value 21 standardizes the on-site route score to a value between 0 and 100.

CORRECTIVE ACTION STABILIZATION QUESTIONNAIRE

FACILITY NAME: SRI International, Corral Hollow Site
EPA I.D. NO.: CAD980883847
CITY, STATE: Tracy, CA
NCAPS RANK: LOW
COMPLETED BY: Buck Toler
DATE: 9/16/94

DOES THIS EVALUATION SUPERSEDE A PREVIOUS EVALUATION?: No

Interim measures are actions to control and/or eliminate releases of hazardous waste and/or hazardous constituents from a facility prior to the implementation of a final corrective measure. Interim measures must be used whenever possible to achieve the goal of stabilization. A site is considered stabilized when:

- 1) human and environmental exposure pathways are blocked, and
- 2) off-site migration is stopped, and
- 3) sources of contaminant releases are controlled.

The purpose of this questionnaire is to assess whether the facility is "stabilized" or in need of interim measures.

1. List the name and date of the most recent document used to evaluate the facility for this questionnaire: Preliminary Assessment March 31, 1990
Preliminary Assessment Review July 11, 1990
2. Current Regulatory Status (mark all applicable):

- ☐ Permitted Treatment, Storage or Disposal Facility or Seeking Permit - Specify permit date:
- ☐ Closed or Closing Facility
- ☐ Post-Closure Permit
- ☐ Combination: some units closing, some seeking permit (i.e. partial closure)
- ☐ RWQCB Waste Discharge Requirements requiring remediation in effect (CA only)
- ☒ Other Active facility. RCRA unit closed. No longer regulated under RCRA

Explanation:

3. Is this checklist being completed for the entire facility?

- ☒ Yes
- ☐ No, please explain:

4. Are there contaminant releases?

☐ Yes, documented releases. These releases are....

☐ ongoing

☐ historical

☐ Maybe, potential releases. These releases may be....

☐ ongoing

☐ historical

☒ No or Unknown, *STOP - SKIP DIRECTLY TO QUESTION 14.*

5. Are contaminant releases migrating off-site?

☐ Yes, please specify contaminants, media, concentration, and source of information:

☐ Potentially

☐ No

☐ Uncertain

6. Is the source of contamination known?

☐ Yes; Explain:

☐ No

7. Are the sources of the contaminant releases being contained and/or controlled?

☐ Yes; please explain:

☐ No

☐ Unknown

8. Is there potential for human exposure to contaminants released from the facility from ~~any media~~ (e.g., drinking water supplies) in....

☐ Known exposure

☐ Less than 2 years

☐ 2 - 5 years

☐ Greater than 5 years

☐ Unknown

9. Is there potential impact on the environment (e.g., endangered species, wetlands, rivers, vegetation, etc.) from contaminants released by the facility in....

- ☐ Known impact
- ☐ Less than 2 years
- ☐ 2 - 5 years
- ☐ Greater than 5 years
- ☐ Unknown

10. What is the current status of RCRA corrective action activities at the facility?

- ☐ No corrective action activities initiated
- ☐ Preliminary Assessment (PA) completed
- ☐ RCRA Facility Assessment (RFA) or equivalent completed
- ☐ RCRA Facility Investigation (RFI) initiated
- ☐ RFI completed
- ☐ Corrective Measures Study (CMS) initiated
- ☐ CMS completed
- ☐ Corrective Measures Implementation (CMI) begun or completed

11. Can interim measures be implemented more quickly than final corrective measures?

- ☐ Yes
- ☐ No
- ☐ Uncertain

Explanation:

12. What regulatory agencies are involved (check all appropriate)?

- ☐ EPA
- ☐ State
- ☐ Local

• Please specify agency name: _____

13. Have interim measures, if begun or completed, been successful in preventing the further spread of contamination from the entire facility, containing contaminant source areas, and in mitigating exposure?

- ☐ Yes
- ☐ No
- ☐ Uncertain, still underway
- ☐ Interim Measures Not Initiated

Explanation:

14. Considering the answers to the above questions, is this facility an appropriate candidate for interim measures? (Note: The designation in parentheses is the designation for entry into RCRIS.)

- ☐ Yes (YE)
☐ No, not feasible (NF)
☒ No, not required (NR)
☐ More investigation needed (IN)

Explain Final Decision and Potential Interim Measures:

The one RCRA-regulated unit at the facility has been certified clean closed. DTSC approved the clean closure in 1992 or 1993 (exact date unknown - Pat Payne of DTSC can be contacted regarding the exact date). Soil characterization required under the closure plan showed no contamination. Detonation of surplus explosives occur as part of training exercises DTSC does not consider this activity OB/OD.

15. Describe follow-up activities (e.g. permit, order):

- ☐ Action Approved
☐ Action Disapproved

Authorizing Signature date

Title

Note: After completing this form, please fill out and complete a RCRIS data entry form for event code CA225 (Stabilization Measures Evaluation). Also, event codes CA600 (Stabilization Measures Imposed) and CA650 (Stabilization Measures Construction Completed) may be appropriate. Thank you!

CONTACT REPORT FORM

Site Name: SRI International
EPA ID: CAD980883847

CONTACT PERSON	TITLE	PHONE
Mr. Muhammad Abri		(510) 540-3944

Agency/Affiliation: DTSC
Department/Region: Region 2 - Berkeley
Address/City: 700 Heinz Avenue, 2nd Floor-BLDG F
County/State/Zip: Berkeley, CA 94710
Person Making Contact: Buck Toler Date: 09/23/94
Contractor: SAIC
Subject: RCRA Status of facility

Comments:

Mr. Abri is an expert on OB/OD facilities. He was involved briefly with this facility during the Closure Plan (for the OB/OD unit) stage. He stated that this was a relatively minor OB/OD unit. He suggested contacting Ms. Pat Payne regarding the details of the closure activities.

Approved: _____ Date: _____

CONTACT REPORT FORM

Site Name: SRI International
EPA ID: CAD980883847

CONTACT PERSON	TITLE	PHONE
Ms. Pat Payne	Senior Hazardous Substance Scientist	(310) 540-3872

Agency/Affiliation: DTSC
Department/Region: Region 2 - Berkeley
Address/City: 700 Heinz Avenue, 2nd Floor-BLDG F
County/State/Zip: Berkeley, CA 94710
Person Making Contact: Buck Toler Date: 09/27/94
Contractor: SAIC
Subject: RCRA Status of facility

Comments:

DTSC approved certification of the clean closure of the one RCRA unit at the facility in 1992 or 1993. Ms. Payne did not have the exact date of certified closure at her fingertips.

The closure plan required approved surface soil characterization of the OB/OD unit (no longer in operation). Soil sampling found no contamination.

Surplus explosives left over from detonation projects are periodically detonated in training exercises. These training exercises occur under circumstances approved by DTSC and are not considered OB/OD subject to RCRA regulation.

Regarding release to air during site activities, Ms. Payne stated that facility activities do not constitute a significant release to air of hazardous constituents.

Approved: _____ Date: _____

reviewed by N. Nadel
completed RCRA form 10/14/94
NAN

DCN: R23-SAI-R09002-01-TR-00283

RCRA PRIORITIZATION SYSTEM SCORING SUMMARY

FOR

SRI INTERNATIONAL

EPA SITE NUMBER: CAD980883847

TRACY, CA

SCORED BY: BUCK TOLER

OF SAIC

ON 09/28/94

GROUNDWATER SCORE : 1.90

SURFACE WATER SCORE: 14.93

AIR ROUTE SCORE : 6.11

ONSITE SCORE : 0.00

MIGRATION SCORE : 8.12

Low

WS-1 GROUNDWATER ROUTE

IS THERE AN OBSERVED RELEASE? N

ROUTE CHARACTERISTICS

DEPTH TO AQUIFER (FT.) : 300

NET PRECIPITATION (IN.) : -30

PHYSICAL STATE: POWDER, ASH

CONTAINMENT: POOR

WASTE CHARACTERISTICS

CHEMICAL NAME OR WASTE CODE NUMBER: UNKNOWN- ASSOCIATED

TOXICITY/PERSISTENCE VALUE: 18

QUANTITY KNOWN? NO

CUBIC YARDS OR TONS:	0
DRUMS :	0

AMOUNT IS LIKELY TO BE SMALL

TARGETS

GROUNDWATER USE: QUALITY IMPACTED

DISTANCE TO WELL (MILES): 2.0

WS-2 SURFACE WATER ROUTE

RELEASES

IS THERE AN OBSERVED RELEASE? N

IS THERE A PERMITTED OUTFALL? N

HAVE THERE BEEN PERMIT VIOLATIONS? N

ROUTE CHARACTERISTICS

FACILITY LOCATION: OTHER

24-HOUR RAINFALL: 1.6

DISTANCE TO SURFACE WATER (MILES): 1.50

PHYSICAL STATE: POWDER, ASH

CONTAINMENT: POOR

WASTE CHARACTERISTICS

CHEMICAL NAME OR WASTE CODE NUMBER: UNKNOWN - ASSOCIATE

TOXICITY/PERSISTENCE VALUE: 18

QUANTITY KNOWN? NO

CUBIC YARDS OR TONS:	0
DRUMS :	0

AMOUNT IS LIKELY TO BE SMALL

TARGETS

SURFACE WATER USE: POSSIBLE DRINKING WATER OR RECREATIO

DISTANCE TO INTAKE OR CONTACT POINT (MILES): 1.5

DISTANCE TO SENSITIVE ENVIRONMENT (MILES): 1.0

WS-3 AIR ROUTE

RELEASES

IS THERE AN OBSERVED, UNPERMITTED, ON-GOING RELEASE? N

DOES THE FACILITY HAVE AN AIR OPERATING PERMIT(S)? Y

HAVE THERE BEEN ANY PERMIT VIOLATIONS OR ODOR COMPLAINTS BY

CAN CONTAMINANTS MIGRATE INTO AIR? N

CONTAINMENT: POOR

WASTE CHARACTERISTICS

CHEMICAL NAME OR WASTE CODE NUMBER: UNKNOWN - ASSOCIATED WIT

TOXICITY/PERSISTENCE VALUE: 3

QUANTITY KNOWN? NO

CUBIC YARDS OR TONS:	0
DRUMS :	0

AMOUNT IS LIKELY TO BE SMALL

TARGETS

POPULATION: RESIDENCES ARE LOCATED WITHIN FOUR MILES

DISTANCE TO SENSITIVE ENVIRONMENT (MILES): 1.0

EPA ID NO. : CAD980
SRI INTERNATIONAL

WS-4 ON SITE CONTAMINATION

ACCESS TO SITE: INACCESSIBLE

IS THERE AN OBSERVED SURFACE SOIL CONTAMINATION? N

CONTAINMENT: POOR

WASTE CHARACTERISTICS

CHEMICAL NAME OR WASTE CODE NUMBER: UNKNOWN

TOXICITY/PERSISTENCE VALUE: 3

TARGETS

DISTANCE TO RESIDENTIAL AREAS (MILES): 1.50

IS THERE AN ON-SITE SENSITIVE ENVIRONMENT: N